



(2,00 mm) .0787"

MMS SERIES

# BOX CONTACT SOCKET

**Mates with:**  
TMMH, TMM, MTMM,  
MMT, TW, LTMM,  
ZLTMM, TCMD, TSH

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MMS](http://www.samtec.com?MMS)

**Insulator Material:**  
Black LCP

**Contact Material:**  
Phosphor Bronze

**Plating:** Sn or Au over 50µ" (1,27 µm) Ni

**Operating Temp Range:**  
-55°C to +125°C with Gold  
-55°C to +105°C with Tin

**Contact Resistance:**  
10 mΩ

**Current Rating:**  
2A per contact @ 80°C ambient

**Insertion Depth:**  
DH = (2,13 mm) .084" to (2,79 mm) .110",  
SH = (2,13 mm) .084" minimum or pass-through Top Entry DV/SV = (2,13 mm) .084" to (4,32 mm) .170" Bottom Entry DV/SV = (4,27 mm) .168" minimum (Plus board)

**Insertion Force:**  
(Single contact only)  
3.7 oz (1,03 N) avg.

**Withdrawal Force:**  
(Single contact only)  
2.2 oz (0,61 N) avg.

**RoHS Compliant:**  
Yes

**Processing:**  
Lead-Free Solderable:  
Yes  
SMT Lead Coplanarity:  
(0,15 mm) .006" max



MMS	1	NO. PINS PER ROW	01	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40			-F = Gold flash on contact, Matte Tin on tail	-SV = Single Vertical	-SH = Single Horizontal	-“XX” = Polarized Position
			-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-DV = Double Vertical	-DH = Double Horizontal	
			-T = Matte Tin			

MMS	1	NO. PINS PER ROW	02	PLATING OPTION	ROW OPTION	OTHER OPTION
02 thru 40			-F = Gold flash on contact, Matte Tin on tail	-SV = Single Vertical	-SH = Single Horizontal	-“XX” = Polarized Position
			-L = 10µ" (0,25 µm) Gold contact, Matte Tin on tail	-DV = Double Vertical	-K = (5,50 mm) .217" DIA Polyimide Film Pick & Place Pad (-SV & -DV only) (-SV = 3 positions min.) (-DV = 4 positions min.)	
			-T = Matte Tin	-DH = Double Horizontal	-M = Metal Pick & Place Pad (4 positions min.) (-DV only)	
					-P = Plastic Pick & Place Pad (4 pos. min., -SV only) (5 pos. min., -DV only)	
						-TR = Tape & Reel Packaging

## APPLICATION SPECIFIC OPTIONS

- Alignment Pin (-DV only).
  - Locking clips and Through-hole pass-through options available.
- Call Samtec.

**Note:** Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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